

LARGE CROWD AT DARTMOUTH-M.I.T. DANCE SATURDAY

**Murphy of Dartmouth Exhibits
Clever Hand and Foot
Work in Act**

ALUMNI SUPPORT CLUBS

**Shepard and Mancha of M.I.T.
Clubs Give Banjo Duet
In Tricky Pose**

The Dartmouth College Musical Clubs rendered the second of the concerts scheduled for their spring trip last Saturday evening, playing in joint performance with the Combined Musical Clubs of Technology at the Hotel Somerset. The record crowd attending entirely filled the ballroom in which the concert was held. This was the largest gathering that has attended any musical club affair held thus far during the college year and likewise was swelled by a surprising number of alumni of both Dartmouth and Technology living in and around Boston.

The program offered showed variety to a marked degree and gave the audience an excellent basis for comparing the work of the two musical organizations performing. The M. I. T. Mandolin Club received quite an ovation when J. P. Sawyer '25, the leader of the club was presented with a small bouquet of sweet peas following the rendering of their selections.

Dance Follows Concert

During the performance of Dartmouth's Barbary Coast Jazz Band diversion was furnished the audience in the form of a novelty dance by Joe Murphy '25 of Dartmouth. The comedian made three appearances in each of which the agility of his hands played a large part. His exhibition of imaginary juggling and his appearance as leader of the orchestra produced much amused comment and were accompanied by plenty of footwork.

The percentage of Technology supporters was well displayed when the singing of the "Stein Song" called for a rising response. Following the program continuous music was furnished for the dance by the Dartmouth and Technology dance orchestras. Between the first and second dances, however, the program was interrupted for a few minutes by a banjo duet given by D. A. Shepard '26 and Raymond Mancha '26 of the Technology clubs. One of the two selections played was executed in a novel manner when Mancha sat on his companion's knee while the pair manipulated their instruments.

Dartmouth Continues Trip

Many more than those attending the concert were able to enjoy the performance as transmitted to them by radio from station WNAC at the Shepard Store, Boston. The rather inclement weather which greeted the crowd at the conclusion of the evening's program caused quite a lot of congestion in the lobby and doorway of the hotel as the audience waited to be driven home by friends or to secure taxis.

The Dartmouth Musical Clubs continue on their trip today giving concerts at Albany, N. Y., Rochester, N. Y., Buffalo, N. Y., and Cleveland, Ohio.

NEW DORMITORY TO BE FINISHED BY APRIL 20

Junior Week will see the new Ninety-Three dormitory entirely completed according to Major A. S. Smith, Superintendent of Buildings and Power. Both the woodwork and the plastering have been finished, and with the exception of the painting and the laying of the duraflex floor, all the interior work is done. The laying of the floor is the last step in construction.

The men of the Superintendent's department installed a wire grill in the basement of building 5 Friday. The grill separates the Power Measurements Laboratory from the corridor and unlike a partition does not prevent light from reaching the corridor.

"A few days with the temperature above 60 would put Tech Field in condition for use," Major Smith said. "Tech Field has been rolled and brushed several times, but it is still soggy. The same is true of the diamonds and tennis courts." The vacant land behind building 10 has also been rolled and is being used as a drill field by the freshman army.

The annual repairing of the Institute's highway system is also under way. Hot patches are being put wherever the surface has crumbled and the uneven places and chuck holes are being smoothed out. The patches are rolled and are of a permanent nature.

Heat Overcomes Two At Seerley Lecture

During Dr. F. N. Seerley's lecture on "Womanhood" last Friday afternoon in room 10-250 there was such a crowd standing in the back of the room that two freshmen were overcome by the heat and lack of ventilation. Both were carried outside and soon were revived. Dr. Seerley said: "It's all right. Nothing has happened back there. We'll keep right on."

SEERLEY DELIVERS LAST SEX LECTURE

**Will Travel to Augusta, Maine,
To Speak at Boys'
Conference**

"Womanhood" was the subject of the last lecture of the Dr. F. N. Seerley series of three concerning the psychology of sex and was attended by an audience of well over 1100, filling room 10-250 and forcing a large number to stand outside in the hall. The lecture was given Friday.

As in his two previous lectures, Dr. Seerley stated that it was his purpose to state scientific facts and let the individual think out his own case and draw conclusions from these, asking only that clean and straight thinking go hand in hand.

"Love Greatest Thing"

"Love," quotes Dr. Seerley, "is the greatest thing in the world and is the one hope of civilization." Through love, he hopes for a better human race, "the best that the world has ever seen." It must be treated with the utmost respect, and the more exact knowledge that is known of the subject will help to bring about the desired end.

Dr. Seerley is in favor of woman suffrage and stated that their vote will change the aspect of the American world. As an example of a woman's love he gave that of a mother's love for her wayward son.

From Technology, Dr. Seerley goes to Augusta, Maine, to give three addresses at the Maine State Boys' Conference. From there he will go to Rutgers, where he will cover the same ground as he did here. He is the Dean of the Y.M.C.A. college at Springfield, Massachusetts.

C. W. S. UNIT IS GIVEN SMOKE SCREEN THRILL

An exhibition of smoke screen production was staged by the new Chemical Warfare Service unit on the drill field Saturday noon for the benefit of Sophomore students taking the course. A phosphorous smoke candle was set off, enveloping the surroundings for a few minutes in a dense cloud of white smoke so that prospective baseball candidates were compelled to suspend their activities temporarily. The strong wind, however, soon dispersed the cloud.

Many Marine Prints Included In Collection Willed To Institute

Two thousand five hundred lithographs, prints and engravings of wooden ships, comprise the Clark collection, which was bequeathed to the Institute by the late Captain A. H. Clark and which is now on exhibition in the Pratt School of Naval Architecture and Marine Engineering in building 5.

The prints cover in time a period ranging from before the fifteenth century to that of the highest development of a clipper ship during the last century, and many of them were used by the donor to illustrate two books written by him, "The History of Yachting" and "The Clipper Ship Era." Besides pictures of yachts and clipper ships the collection contains prints of American and foreign naval and merchant vessels, whaling and herring fisheries, smugglers and slavers and of ports and harbors.

The collection was brought together by Captain Clark personally during a career of over 60 years devoted to seafaring and maritime affairs and in which he became an authority. It is of great importance for its historical value as well as its large usefulness in research and constructive work.

Captain Clark began to follow the sea at the age of 16 and did not retire until about 64 years later, and be-

GYMNASTS FOURTH IN STRUGGLE FOR COLLEGIATE TITLE

**Takes Same Place For Fifth
Consecutive Time—
Navy First**

McCOY FIRST ON THE RINGS

True to all predictions, the Navy led the whole field at the Intercollegiate gym meet, coming in 28 points ahead of their nearest competitor, while M. I. T. had to content itself with the usual fourth place. One consolation, however, was that Captain McCoy took first place on the rings adding another and perhaps the best link to his long chain of victories.

Finley did not place in the rope climb but this can hardly be said to be disappointing. Navy had the first and second places all their own and he was fighting against all the other entries for third so it is hardly surprising that he was forced out of the running.

It is too bad though that he did fail to place for if he had M. I. T. would have taken third. It is also somewhat disconcerting that Ruiz should sprain his wrist on the very day before he was supposed to leave for he would have placed beyond all doubt with the consequent results to the final score.

Started Gym Circles

At a dinner of the gym team about a month ago, Coach Hincks said that it took four years to make a good gym man and that this was the only sport in which this was true. McCoy is a good example of this statement and also of the fact that practice makes perfect. He came out in his freshman year but naturally did not compete during that period. He worked hard at the rings, however, and at the end of the season became quite an accomplished gymnast.

During the first part of his Sophomore year he made even more marked improvement and by the time the meets came round was sufficiently expert to warrant his being entered as a member of the team. He did not place in every meet but this could hardly be expected of a new man in his first season. As the season progressed he became more confident of his work and consequently turned out much better exercises than at the beginning. The captain at that time was very pleased with his work and as a result sent him to the Intercollegiate more for the experience really than in hopes of placing him. McCoy showed what he was made of there and startled gymnastic circles by taking third place which is quite some accomplishment for a man in his first season.

In Line for Olympics

From that time on he worked steadily and progressed equally steadily. In his second season he not only placed in every meet but took first place against all but the Navy. He also took up the parallels at this time and showed his real gymnastic ability by securing several seconds and thirds on them for it takes a true gymnast to be

(Continued on Page 4)

LETTER BELIEVED TO HAVE BEEN WRITTEN BY JUNIORS FURNISHES CLUE TO BEAVER

**Anonymous Missive
Received Saturday**



"IT!"

TODAY LAST DAY FOR REDEEMING SIGN-UPS

**Technique Will Be \$4.00 After
Six o'clock Today**

Today is absolutely the last day on which Technique signups may be redeemed. After six o'clock this evening they will be worthless, and the price of Technique will be four dollars whether or not a signup has previously been purchased.

Up to date about 1,500 signups have been redeemed, which is only about 80 percent of the total. Unless the remaining 300 are redeemed either in the main lobby between 9 and 4 o'clock or at the Technique office between 4 and 6 o'clock today, Technique will be enriched to the extent of \$300.

Institute Doors Are Now Guarded To Check Thieves

**Petty Robberies Force Officials
To Require Pass For
Night Entrance**

Due to a number of petty robberies around the Institute which the authorities believe have been committed by someone who has gained access to the buildings after dark, Major Smith found it necessary to place a guard at the entrance to building 2 after 6 o'clock in the evening. Anyone who has cause to enter the buildings through that entrance after that hour will be required to show a pass signed by the head of a department.

F. G. Hartwell, assistant to the Superintendent of Buildings and Power, when interviewed on the matter said, that it was the desire of the authorities to make the entrance of building 3 which faces on Massachusetts Avenue, the only entrance to the building after six o'clock, explaining that the building entrance was merely open for the convenience of the men who travel to Kendall Square in the evening. It may become necessary, he said, to shut up this entrance entirely.

Although it is not necessary to show a pass at the Massachusetts Avenue entrance, because of the fact that the man on duty knows most of the students who enter in the evening, it is inevitable that people other than those who do business at the Institute in the evening will be allowed to enter.

A short time ago the instruments from an instrument board in the steam laboratory were removed and no trace of the missing articles can be found. A year ago, an ex-criminal who posed as a student attempted to steal some valuable articles from the power plant but was caught in the act. It is because of the difficulty of distinguishing between a real student and a bogus student according to Mr. Hartwell, that they have made it necessary to show passes at the building 2 entrance.

ANIMAL SEEN IN DORM MAN'S AUTO FRIDAY EVENING

**Technique Receives Anonymous
Missive — Photograph
Enclosed**

"Don't cry little boy—here's your god-dam beaver" typewritten on a small piece of stationery and a picture of the animal were the only contents of an anonymous letter received by THE TECH Saturday morning. The letter was postmarked Cambridge A, and dated March 28 at 6 P.M., but beyond the fact that a 1925 banner is shown in the picture no clue has been obtained as to the sender.

Technique also received a anonymous letter at the same time enclosed with which was a photograph of the Beaver and a clipping from THE TECH of the Beaver article which was run in last Friday's issue. This picture, like the one which was sent to THE TECH, offers no indication of the place in which it was taken.

Saw Beaver on Bridge

Inasmuch as the Beaver is shown standing before a 1925 banner, G. L. Bateman '25, President of the Junior Class was interviewed but he denied any knowledge of its location, answering, "As yet I cannot say where or in whose possession the Beaver is."

E. S. Taylor '24 told a reporter that he saw the Beaver going across the Harvard Bridge in an Essex touring car late last Friday night, but he was unable to identify either the driver of the car or any of its occupants. Since then, however, the automobile that Taylor saw has been identified through information furnished by others, as belonging to a man who lives in the dormitories.

Dorm Men Suspected

The fact that several dormitory men use the expression "Don't cry little boy" very frequently, has affirmed suspicions that several students in the dormitories know more about the Beaver than they are willing to admit. H. B. Culbertson '25, who is one of the "official" photographers about the dormitories, when asked whether he had taken the photograph of the Beaver that was received by THE TECH Saturday replied: "I refuse to commit myself either way. I do not say that I did not take the picture."

SUBMARINE SIGNALLING APRIL T. E. N. FEATURE

"Submarine Signalling" is the title of the feature article in the April issue of Technology Engineering News, out next Wednesday. It was written by R. J. Williams '01 of the Submarine Signal Company, Boston, Mass., and gives a sketch of the working of this little-known method of communication, discussing submarine bells and sirens, microphones, and other apparatus for the sending and receiving of signals through the water.

V. E. Hillman of the Crampton and Knowles Company has written an article for this issue on "The Scientific Mind," stressing the importance of including some cultural study in a scientific education. The Aided lecture delivered by Dr. Ralph Modjeski is included, and in addition many articles on various technical subjects.

The price of the T. E. N. this month will be the same as last month, 15 cents.

CALENDAR

- Monday, March 31**
6:30—Alumni Council meeting, Faculty dining room, Walker.
- Thursday, April 3**
6:30—Class of 1895 dinner, Faculty Dining Room, Walker.
7:30—Mining Engineering Society smoker, north hall, Walker.
- Friday, April 4**
8:00—Informal Dorm Dance, main hall, Walker.
- Tuesday, April 8**
8:00—Meeting of Math Club, Faculty and Alumni room, Walker.
- Friday, April 11**
8:00—Class of '27 dance, main hall, Walker.

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In Charge of This Issue:

F. E. Anderson '26

SUCCESS FOR THE TRACK TRAINING TABLE

TODAY the track management initiates a training table for the spring season. It is to be conducted similarly to the present crew table, and the finances will be handled conjointly. The success of the crew table has been marked, and this augurs well for the effort of the track management. The expediency and importance of these training tables cannot be stressed too much, nor the need of the undivided support of the men on the teams.

After the success of last year's efforts and the enthusiasm exhibited by the crew this year, it can be said that the establishment of team training tables has been a distinct advance in Institute athletics. They aid in creating a coherent team spirit, as well as furnishing a suitable menu. To the men who are interested in track the call to the training table should be an opportunity to be quickly accepted and an enterprise to be actively supported. Remember it means good food, a good time, and a better track team!

Thirty men at the track training table is the desire of the track management. Why not make it more? Both the meat and the meets will be better.

DR. SEERLEY

THE Technology Christian Association deserves commendation for making it possible last week for the student body to hear the three lectures on sex by Dr. Seerley, and also for arranging personal interviews with him. It is an extremely difficult task to present such matters to young men in a way which will do good rather than harm, but Dr. Seerley's common-sense views which he set forth while here, coupled with his sincere personality, made all three of his lectures undoubted successes.

Personally, Dr. Seerley's most apparent characteristic is his sincerity. He believes wholeheartedly that by giving young men the right things to think about, they can be made to avoid all evil habits. The attitude is in marked contrast to the viewpoint of many similar workers, who attempt to improve conditions by vivid portrayal of the consequences of wrong-doing, in the hopes of frightening their hearers enough to make them improve. To hear even one of Dr. Seerley's talks at the Institute was enough to convince any one that his method is by far the best.

It is evident that Dr. Seerley knows perfectly how to carry out these theories of his. It is not surprising that he should, considering his long experience. He has been giving sex lectures all over the country ever since 1890, when he resigned his post as General Secretary of the Y. M. C. A. During the war the government evidently placed great faith in the value of Dr. Seerley's services, for he served thirteen months on this side, giving lectures to men in the Army and Navy, and then worked thirteen months in France, much of the time in the front lines, under enemy fire. Often he spoke three or four times a day before groups of a thousand men.

A most convincing proof of Dr. Seerley's ability was the serious attitude shown by all his audiences last week. On the whole there seemed to be very little evidence of the wrong attitude, which is so apt to creep in at such occasions. The student body is also to be complimented on its reception of the lectures.

"You cannot make a silk purse out of a sow's ear," nor a parlor out of the lounge room in building 5.

Play Directory

COPLEY: "R. U. R." Still another week of a very unusual play.
COLONIAL: "One Kiss." Comedy with good music.
HOLLIS: "Merton of the Movies." Comedy from Harry Leon Wilson.
PLYMOUTH: "The Whole Town's Talking." Back again. Very funny.
ST. JAMES: "Peg O' My Heart." Well known Yankee-Irish comedy.
SHUBERT: "Topics of 1923." Somewhat risqué, but not much else can be said.
SELWYN: "Dangerous People." A real play, with William Courtenay.
LEBUR: "The Gingham Girl." Musical comedy, opening tonight.

TWO CORNELL FRESHMEN DROPPED FOR CHEATING

Two freshmen at Cornell have been dropped for violating the Honor System. They were reported by a third student who had noticed them talking and passing notes in an English examination. They were brought before the Central Honor Committee, tried and found guilty. Although they at first denied all knowledge of the affair, when confronted with proof of their violation of the Honor System, they admitted that they had not only cheated on the final exam, but on three preliminaries as well.

The Care of Young Men In Modern American Educational Institutions

By Professor C. M. Spofford

(Continued from previous issue)

This Association is divided into 17 departments of which the following may be mentioned: Bible study, Boy's Work, Church Relations, Employment Bureau, Foreign Students, Freshman Advisers, Industrial Relations, and Room Registry. This Association is an active body, accomplishing much for the student welfare.

It is supported in part by the Institute, the present chairman being the official of the Institute in charge of Student Employment and Lodging, and in part by contributions from students, faculty and others interested in this work.

Amongst the departments, one deserving special attention is the Room Registry Department, which, because of the absence as yet, of adequate dormitory accommodations at Technology, is of great importance in finding suitable rooming accommodations for students. In order that the student may be guarded against taking lodgings in houses where they will be exposed to unwholesome, physical and moral surroundings—a danger which is ever present in a large city with as many students as Boston, a list is compiled each year of available rooms which have been investigated as to their desirability from the standpoint of wholesome and proper living conditions.

Employment Bureau Important
The Department of Freshman Advisers secures upperclass students to act as advisers of incoming freshmen, and notifies the latter, through the Dean's Office, of such appointment. The duty of an adviser is to place himself at the service of the incoming student at or before his arrival in Boston, and to give him helpful advice and assistance. This system apparently works most satisfactorily.

The Employment Bureau furnishes an important service. It is of the greatest value to students from a distance, coming to Boston with insufficient funds, and, in consequence, finding it necessary to earn some money to meet their absolute needs. This Bureau solicits employers personally, advertises in newspapers, and gives a great deal of time and effort to providing opportunities for self-support.

On the religious side—the Association canvasses the students to determine their religious affiliations, and prepares lists for circulation amongst the churches in Boston.

Bible Study groups are held in the dormitories and elsewhere; students are found to take charge of boys' work, either in church or Boy Scout organizations; and, in general, the entire activity of this department is distinct from the education work of the Institute.

Union Open to Men

Recognizing the value to students from afar, without home influence, of the opportunity to meet his fellows in a social way, Harvard through the generosity of Major Higginson, and Technology, through the generosity of the alumni, have both established what may be called a student club house—the Harvard Union and the Walker Memorial.

The Harvard Union is open to any male student of the University, regardless of race. It furnishes an opportunity for students who are not elected to the various private clubs at the University to obtain the advantages of an excellent club at a moderate price. It contains a good library of a popular character, reading rooms, a good dining service, ten or twelve sleeping rooms, and a large hall for assemblies of one sort or another. Its dues are \$10 per year, and it now has a membership of 1900 students and 1000 life members. It does not provide quarters for student activities and membership is not compulsory. As a club house, it compares well with some of the better clubs in Boston, having a better house than most of them. It has no other special function in university life.

Matron's Influence Good

The Walker Memorial at Technology is open to all students at the Institute, each of whom pays a certain compulsory student tax towards the upkeep of the building. Here are the headquarters of the Physical Director, the offices of the so-called student activities, (aside from the professional societies), consisting of newspaper and magazine publications, class clubs, the Institute Committee and the Cosmopolitan Club. The building contains bowling alleys, a gymnasium, a library of popular books, lounge rooms, a large dining hall where excellent food is served at low cost, several smaller dining rooms used for meetings and gatherings of various sorts, and is a tremendously active place, nearly all the evenings being occupied with activities of one sort or another.

A matron, Mrs. King, is located at the Walker Memorial to act as a sort of mother to the boys who wish to consult her—a most agreeable, kind-hearted woman with whom the boys patronizing the building are on the

friendliest terms and whose advice and influence are of the best.

Welfare Insured

At Technology a Student Hospitality Committee consisting of ladies of the faculty has functioned for some time. One of its important duties is that of seeing that the many student dances are properly conducted. This organization gives each year a reception to the foreign students at the Institute. Students who are seriously ill are also visited by one of the members of this committee who takes students who are convalescent into her own home or secures others to do so, visits them in hospitals, writes to their families and, in general, sees that they are not left entirely in the hands of strangers.

The Technology Dames and the Harvard Dames are societies of women composed of the wives, sisters and other feminine relatives of students. These organizations meet in the college buildings and provide the opportunity for those without friends and relatives in the city to form acquaintances and thus relieve the loneliness which they might otherwise feel.

In conclusion, the speaker has no hesitation in stating that the physical, moral and religious welfare of young men in our Boston educational institutions is looked out for in a manner perhaps unequalled by any other city in the world.

T. C. A. Active in Service

The Phillips Brooks Association includes representatives of all religious and philanthropic activities at Harvard. It is undenominational and is not even confined to Christians but may include Mohammedans, Buddhists or representatives of other religious faiths. Its headquarters are in the Phillips Brooks House. Funds for the construction of this house as a memorial to this great preacher were secured by a committee consisting of members of Phillips Brooks' class at Harvard. Subscriptions were solicited from the public, and money was contributed from all over the world. The University pays the operating cost of the building; while its administration is in the hands of a committee appointed by the Corporation of Harvard with a permanent secretary in residence. Funds for the different activities are contributed by students, faculty members, graduates and friends.

At Technology there is no organization exactly comparable to the Phillips Brooks Association at Harvard, but there is an active Technology Christian Association affiliated with the Young Men's Christian Association with its headquarters in the Walker Memorial Building.

The Technology Christian Association is under the control of a cabinet consisting of students, but has a paid Y. M. C. A. secretary who is the executive officer of the Association.



The Lounge awaits with interest the outcome of this latest development in the travels of the latest tradition. Have we here an insurrection in the ranks of the Juniors, or is this merely a canny move on the part of the Class of '25?

In the first, interest mounts, but we have always been lovers of peace and order and must frown upon such lawless efforts. If the Beaver persists in hiding, no doubt Pinkerton will be called upon the scene.

From all reports bands of sleuths are continually departing from all four class headquarters. If the Beaver persists in hiding, no doubt Pinkerton will be called upon the scene.

Even if Voo Doo does make mistakes now and then, they evidently have some enterprising candidates. The Lounge was interested to note that one of them was doing a big business selling Voo Doo's outside of the sex lecture Friday, after it was over. We will wager his sale was considerably larger than it would have been outside an ordinary lecture, Physics for instance.

The Chemical Warfare fiends have started their annual Spring experiments, much to the consternation of some of the brown-baggers who were unaware what was coming off, or rather up. A phosphorous bomb burning on the drill field Saturday scared away many, as it was cleverly placed almost directly on the path from Building 8 to Walker. The Lounge even saw one auto which turned back on seeing the smoke screen. The smoke was harmless, however.

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Comfort Must Not Dethrone Beauty- Oarsmen Believe

Three Engineer Crews Appear
With New and Colorful
Neck Equipment

Not content with being the first crew to get afloat on the icy Charles this spring and thereby bringing unto themselves pre-season publicity, and their picture in the Boston Herald, the Technology Varsity crew has again impressed itself upon the public eye. Scarfs of a screeching cardinal color have been adopted by the Beaver oarsmen to distinguish them from the Midget crew, the Union Boat Club or any other contemporary outfit.

While plying the none too balmy waters of the Basin in the good ship "Wolf" the other day, Coach Bill Haines suddenly became aware of the fact that the throats of his charges were unduly exposed to the icy blasts. Accordingly he recommended towels wrapped around the neck as a possible means of protection, but this was apparently incompatible with the oarsmen's sense of beauty and color. The red scarfs were the result.

Started the Ball Rolling
But that was only a beginning. The Junior Varsity seems to have an idea

(Continued on Page 4)

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of Congress of August 24, 1912.

of THE TECH, published tri-weekly at Cambridge, Mass., for April 1, 1924. State of Massachusetts, County of Middlesex.

Before me, Notary Public in and for the State and county aforesaid, personally appear A. M. Worthington, Jr., who, having been duly sworn according to law, deposes and says that he is the Business Manager of THE TECH, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form, to wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are: General Manager, D. A. Henderson; Editor, H. G. Burr; Managing Editor, J. P. Ramsey, Jr.; Business Manager, A. M. Worthington, Jr.; all of Cambridge, Mass.

2. That the owners are: (Give names and addresses of individual owners, or, if a corporation, give its name and the names and addresses of stockholders owning or holding 1 per cent or more of the total amount of stock.) All equipment owned by THE TECH TRUST FUND, Cambridge, Mass., and rented by the Current Volume.

Officers: Mr. H. E. Lobdell, M. I. T., Cambridge, Mass.; Mr. Winward Prescott, M. I. T., Cambridge, Mass.; Mr. H. D. Peck, 99 State St., Boston, Mass.

3. That the above bondholders, mortgages, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state). None.

4. That the two paragraphs next above, giving the names of the owners, stockholders, and security holders, if any, contain not only the list of stockholders, if any, but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; and that the said two paragraphs contain statements and embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.

5. That the average number of copies of each issue of this publication sold or distributed through the mails or otherwise, to paid subscribers during the six months preceding the date shown above is—(This information is required from the daily publications only.)

A. M. Worthington, Jr., Business Manager, Sworn to and subscribed before me this 20th day of March, 1924.
Frank L. Clapp, Notary Public. (My commission expires September 8, 1927)

Varsity Swimming Team Completes Hard Season

Technology Handicapped by Loss of Nip Marsh in Some
of the Meets—Easily Defeat Lowell but
Lose Other Meets

With the participation in the New England Intercollegiate Championships the varsity swimming team completed their schedule for this season. The team labored under difficulties all through the season, and though Technology's victories were few, the individual members of the team did their utmost, and deserve a great deal of credit for the plucky spirit they have shown in the face of disheartening circumstances.

Win Opening Encounter
In their opening encounter with Lowell Textile the team gave promise of a good season when it triumphed over Lowell by a score of 50-12.

Technology secured all but one first place in this meet. In the dive Donovan of Lowell Textile outpointed Bill Carver by 3-10 of a point. Cates and Ford had an easy time in the plunge winning first and second places respectively. They both plunged the length of the pool in considerably less than a minute.

Nip Marsh was the individual star of the encounter. Marsh swam anchor man on the relay team, which won by a good margin. He also carried off first honors in both the 100 and 40 yard sprints. In the 40 yard swim Marsh established a new Technology record—swimming the distance in 19 1-5 seconds. Dunn took second place in the 100 yard event.

Dave Evans had little trouble in winning the 200 yard sprint, and Ed Taylor romped home in the 100 yard breast stroke with Kerns following a close second. At the close of the meet Russ Dean, Technology's coach, gave an exhibition in the back stroke. Coach Dean held the New England and A. A. U. championships for this event last year.

Swim Amherst Tankmen
The engineers second encounter took place in the Lord Jeff pool at Amherst. The Beavers were handicapped before the fray started due to the loss of Bill Carver, who went to Florida. The meet, however, was closely contested, and Amherst just managed to get a victory by the score of 35-33.

Nip Marsh won the 50 yard dash in great style, and it seemed certain that he would win the 100 yard swim. While leading the field in the 100 yard event Marsh slipped at the turn of the last lap, and the swimmers were bunched so closely that the slip threw him into last place.

Technology won the relay from Amherst for the third consecutive year. Dunn, Evans, Richardson and Marsh swam on the relay team. Amherst won the 220 yard dash, and the 100 yard breast stroke. In the dive Keay captured first honors, and Cates not to be outdone by Keay won the plunge in fine style. The absence of Bill Carver, and the fatal slip of Nip Marsh cost Technology the meet.

Wesleyan Defeats Beavers

Once again the Beavers entered the fray handicapped. Nip Marsh, the team's best man, was unable to make the trip. Robinson, Technology's best bet in the back stroke, also failed to make the trip as he missed the train.

The relay was almost a dead heat, the Wesleyan swimmers winning by the slightest of margins. The time for this event was 1 minute 22 2-5 seconds, which equals the record for the Wesleyan pool. If Marsh had been swimming it is likely that the record would have been broken. In the 40 yard dash Dunn took second, Taylor came in third. This event was most hotly contested, the first three men finishing within two feet of each other. Captain Dave Evans won second place in the 220 yard swim, and Dunn took third in the 100 yard dash.

Due to the absence of Robinson, Keay was Technology's only entrant in the back stroke. Keay placed third in this event, and also secured third place in the breast stroke and dive. Cates was not up in his usual form, and was only able to secure third place in the plunge.

Lose to Middies

Technology's mermen took a decided slump starting with their defeat at the hands of Wesleyan. The engineers proved to be no match for the brilliant Naval Academy team. Nip Marsh won Technology's only second in the 50 yard dash. The best race of the evening was the 50 yard back stroke in which Kanakanui and Dunop of the Navy and Robinson of Technology were bunched for the entire distance. The finish was close, but Robinson was forced to accept third place.

Yale Triumphs

Although the Eli representatives won the meet by a good margin, the Beaver swimmers offered some keen competition. In the 50 yard dash Nip Marsh and Carol Dunn easily outswam Pinchot and Hogg of Yale. In the breast stroke Walworth succeeded in capturing second place.

The 200 yard relay had an exciting finish when Marsh started off five yards behind Frost, Eli's anchor man, and gaining steadily, was only a yard behind at the end of the race. Captain Dave Evans took third in the 220 yard sprint. In the remaining three events third was again the best that Technology could take. Keay took third in the dives. In the back stroke and 100 yard dash Robinson and Parsons took third places respectively.

Tankmen Bow to Brown

The Bruin team proved too strong for the Engineers, and won the encounter by a large margin. The Technology tankmen showed lots of pep, but were frankly lacking in ability. Once again Marsh was unable to swim for the Beavers, and the effect was noticeable. In the 50 yard dash Dunn and Taylor tied for third place. Captain Dave Evans captured third honors in the 220 yard sprint. Keay did splendid work in the dive, and won first honors in easy style. In the back stroke and 100 yard sprint Technology's best was third—Robinson and Dunn accounting for these two final places.

In the plunge Cates returned to his old form, and won the event in pretty fashion. Kearns took third place in the breast stroke. The relay was a hard fought race throughout, but Brown had the better team, and the victory was theirs.

Technology Overwhelmed

In the New England Intercollegiate swimming meet held at Dartmouth the engineers were forced into the background. The Beavers managed to secure one point by placing fourth in the relay. Dunn, Richardson, Taylor and Evans making up the team. Winning this one point saved the Cardinal and Gray tankmen from the disgrace of finishing in last place.

Hawthorne followed the example of the other two, and came on the floor with as much spirit as anyone could wish to see. He was the coolest man in the meet and was not in the least flustered. He also won his first sabre bout in an exciting and fast contest with Adams of Yale.

In the epees more success attended the teams efforts as both Blake and Cole won a bout apiece. This put Blake on the safe side so that he will now be able to compete in the Intercollegiate. In the sabers, however Serrano struck a stretch of hard luck and lost both of his matches. He was just as fast as usual but seemed to be unable to reach his man. Many a time he had a clear target and failed to cut the Yale man by the very barest of margins.

Levis also came through in fine style, although he did lose all of his bouts.

BASEBALLS OPEN SEASON MEETING TOMORROW AT 5

Class Baseball Will Start Under
the Auspices of Calumet
Club

With the coming of the spring weather, class baseball will soon start under the auspices of the Calumet Club. The club has called a general meeting of all baseball candidates for the class teams tomorrow at 5 o'clock in room 5-330.

In order to make the series a complete success any man who has interest in the game is urged to attend the meeting as plans for the season will be discussed and the organization of the different teams will be started. Any man duly registered at the Institute may play on a class team. This will be the only general meeting of the class teams this year and every man is asked to report so the competition can get off to a good start.

Diamonds Soon to Be Ready
A tentative schedule has been arranged by Denton Massey '24, who is managing baseball this year, which calls for a series of two or three games between each class. Last year two games were played between each of

(Continued on Page 4)

HANDICAP MEETS BEGIN IN APRIL

Glantzberg and McArdle Have
Won the Most Places in
Four Meets

Although more attention is focussed on the coming class meet the handicap meets which are to be resumed soon, are commanding a great deal of interest. Four meets have been run off, three in the fall and one last term all of which accomplished their object of bringing out the men who might not ordinarily report for track. Doc Connor was much pleased with the number of men coming out at all four of these meets and hopes that there will be an equally large entry list for the next meet. A summary of the men who have won more than one place with their aggregate scores is as follows:

Dashes—McHenry, 10; McLean, 7; Copley, 5; K. E. Smith, 5; Weibel, 5; Middle Distance—Tonry, 7; Ware, 6; Bailey, 5; Preston, 5; Jeppe, 5; Joyce 5.
Distance—K. A. Smith, 3; I. Baker, 6; Keplinger, 5; Cooper, 4; Sparre, 4;

(Continued on Page 4)

Assistant Manager Track Competition

In compliance with the Athletic Association ruling that there shall be three Sophomore assistant track managers, competition is now open to the class of 1927. The winner of the competition which lasts throughout this term becomes Sophomore assistant manager and competes throughout the Sophomore year with the two present freshman assistant managers for the position of track or cross country manager.

The runners up in this new competition receives the position of manager of the freshman team during his Sophomore year. He has complete charge of the freshman schedule, prepares the budget, and makes about eight trips throughout the season. Men interested call at the A. A. office any day this week between 5 and 6 o'clock.

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GLOUCESTER THEATRE OFFERS THREE PRIZES

Ten dollars, a free scholarship, and production in the Gloucester Little Theatre are being offered by the Gloucester School of the Little Theatre for the best one act play of the sea by an undergraduate of an American school or college. The judges for the competition are Mrs. Florence Evans, Director of the Boston School of Public Speaking; Miss Florence Cunningham, of the Vieux Colombier; Robert Hillyer, President of the New England Poetry Society, and Colin Campbell Clements, author of "Plays for a Folding Theatre," and of the sea play "Moon Tide."

All entries in the competition must reach Miss Cunningham, 112 Charles Street, Boston, by June 15, and further information may be obtained from her.

DR. V. A. MOORE SPEAKS ON MEAT INSPECTION

Dr. V. A. Moore, Dean of the New York Veterinary College, gave two lectures on "Federal Meat Inspection" to the members of Course VI taking Public Health Administration in room 10-419 on Friday and Saturday. In Friday's lecture he took up the subject as a public health measure, explaining its administration and the laws concerning it. Dr. Moore explained the details of the work and its relation to bacteriology and pathology in his lecture on Saturday.

GYMNASTS TAKE FOURTH IN INTERCOLLEGIATES

(Continued from Page 1)

good on two totally different pieces of apparatus. He was naturally entered in the intercollegiate and followed up a successful season by advancing one place over the previous year and taking second.

With his work this year M. I. T. is fairly well acquainted. He again took first place on the rings in all the meets except Navy and in spite of several falls made a very good showing on the parallels. And now after getting yet another step ahead and taking first in this year's intercollegiate he stands directly in line for a place in the Olympic tryouts, the goal of all athletes, no matter to what sport they adhere.

BASEBALL TEAMS HOLD MEETING TOMORROW

(Continued from Page 3)

the classes making a total of six games. for the season for each team. The extension of the schedule this year will relieve the possibility of ties between two teams. As the season is planned to open on April 15, a lot of practice will have to be crowded into the next two weeks in order for the teams to be in good shape. At present the schedule outlines games every Monday and Thursday.

Along with the rapid drying out of the ground and a promise from the superintendent's office that the diamonds will be put in condition in about a week providing the weather continues to be favorable, the outlook for the season looks bright. The class of 1924 has practically the same team as last year when they won the Intramural Baseball Cup which was donated by the Advisory Council last season.

The Senior class has an admirable record for wins at the Institute, they not only won the cup as Juniors, but won out in the series the year before. With such veterans as Robinson, Manning, Donkersley, Bates, Michelen, Giles, Fitzgerald, Robertson and Kennett still at the Institute they promise to run away again with the other teams. The Juniors and Sophomores are also strong in veteran material.

Bats and Balls Furnished

This year's freshman class has a likely bunch of ball tossers in its ranks, already the frosh have shown signs of life by getting out on the diamonds to limber up. Three pitchers, Weibe, Richards and Burke are available. Crandall, Cline, Giles, Dodge, Cargile and Innersky are men who will be able to give the Seniors a tough match.

At present the supply of ball players in the four classes, seems to be abundant, four teams will provide some keen competition. A good turnout of candidates for the teams is expected at the practices which start as soon as the teams can be organized after the general meeting Tuesday. Men coming out for the teams will have to provide their gloves and shoes, also other personal equipment such as uniforms; bats and balls will be furnished by the Athletic Association.

HANDICAP MEETS ARE TO COMMENCE IN APRIL

(Continued from Page 3)

Hunt, 4; Grossman, 4.
Hurdles—Ambach, 15; Lucy, 13; Fitzpatrick, 12; Blodgett, 6; Browning, 3; MacArdle, 3.
Pole Vault—Sanford, 9; Chen, 9; Knight, 3.
Hammer Throw—Glantzberg, 8; Drew, 8; Green, 8; Small, 2.
Javelin—MacArdle, 3; Green, 3; Joyce, 5; Glantzberg, 4.
Shot Put—Glantzberg, 13½; Drew, 8; Bailey, 8; Coleman, 5; Small, 5; Brodsky, 3; Underwood, 3; Joyce, 3.
35-lb. Weight—Glantzberg, 8; Drew, 7; Green, 5; Underwood, 4.
Broad Jump—McHenry, 10; Bauley, 6; Browning, 6; MacArdle, 6; Ambach, 5; McLean, 5.
High Jump—Dexter, 8; Bailey, 7; MacArdle, 6; Browning, 6½.

NEW DORM TO BE OPEN JUNE 9 FOR SUMMER

On Monday, June 9, the Ninety Three Dormitory unit will be open for summer occupancy, and if necessary Runkle and Atkinson will be used. It is the plan of the dormitory board to remove the superintendent's office from Runkle to Ware, and to use the room on Ames street for a new common room. The Board has also decided to furnish couch covers in place of the white spreads that at present cover the beds. This improvement will give the men much more freedom of their rooms and is rather more appropriate.

OARSMEN WEAR COLORED SCARFS ON THE RIVER

(Continued from Page 3)

that they cannot be outdone by the Varsity in any way, shape, or manner. Consequently, little time had elapsed before the worthy second outfit appeared in scarfs of a gorgeous blue hue. The first 150 pound combination had to be in the running, and now they are sporting scarfs of a weird orange shade. Dame Rumor had it that the freshman eights were to appear with green scarfs (reports that yellow scarfs were to be used were entirely unfounded), but the members of the class of 1927 had a peculiar sense of originality. Judging that their necks were of a sufficient rough and leathery quality to withstand the weather variations, they decided to protect a more sensitive part of their anatomy. Accordingly they have adopted canvas hats. Speculation is rife at the boathouse these days as to the distinguishing mark that the other crews will adopt. Kid gloves, brown derbys, green goggles, and a coat of arms with a brown bag for a background and a slide rule rampant, have been suggested, but only time will tell.

TELEPHONE ENGINEER LECTURES TOMORROW

Tomorrow afternoon G. W. McRae '10, Chief Engineer of the New York Telephone Company will give a lecture in room 10-250 at 4 o'clock. This lecture is open to Seniors and Graduate students of all courses. Representatives will be here from April 3 to 9, to confer with any men interested in employment. These interviews will be had in room 10-211 on any of the days during their stay, and appointments will be made.

EXAMS WILL BE HELD FOR OPENINGS IN ARMY

Technology Graduates Excused From Some Requirements

Examinations are to be held during the week of April 14 to fill about 100 vacancies in the Regular Army. Successful candidates will obtain commissions as second Lieutenants when the class at West Point is graduated this June.

Applicants must be between the ages of 21 and 30 years of age. Former Army officers who are rated as above the average, and who were honorably separated from the service; warrant officers, and enlisted men with at least two years' service; Reserve officers and men enlisted in the Reserve; and Officers, Warrant Officers and enlisted men in the National Guard are eligible, but must take complete examinations. Graduates of technical schools or colleges approved by the Secretary of War, of which Technology is one, are also eligible, and may be excused from certain of the examinations by virtue of previous technical training.

Applications should be made to the Commander of the Corps Area in which the applicant resides. The nearest one is the Commander of the First Corps Area, Army Base, Boston 9, Mass.

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Notices and Announcements

All notices for this column should be in by the morning of the day preceding the issue.

OFFICIAL

MARINE STEAM TURBINES

A course of lectures on Marine Steam Turbines will be given by Mr. J. E. Burkhardt, Chief Engineer of the Bath Iron Works in room 3-270 on April 5, and April 12, from 11 to 12 and from 12 to 1. No registration is required.

EH22

EH22 will meet this term in room 2-180 at 12 on Tuesdays and Thursdays.

DORMITORIES

Applications for summer occupancy of the dorms will now be received in room 10-180.

TELEPHONE REPRESENTATIVES

Representatives of the Bell System will confer with Seniors and Graduate students of all courses who are interested in employment. Representatives will be in room 10-211 April 3-9 inclusive.

UNDERGRADUATE

DEBATING

All men interested in debating are requested to see D. M. Fuller, room 2-130 this week.

CHEMICAL SOCIETY

The Chemical Society will make a trip to the Revere Sugar Refinery Wednesday afternoon. Details are posted on the bulletin board opposite Professor Keyes' office.

CATHOLIC CLUB

The meeting of the Catholic Club, scheduled for Wednesday, has been postponed.

DORM DANCE

An informal Dorm Dance will be held in the main hall, Walker, Friday, April 4 at 8. Hackett's orchestra will furnish the music. Tickets are \$2.

T. C. A.

The Boy's Department needs more students to take charge of boys' clubs and athletic teams. Also, the Boston Y. M. C. A. wants men for leaders in their summer camp. Any one interested see Frank Shaw at the T. C. A. office or leave word for him there.

ARMY VACANCIES

Examinations are to be held during the week of April 14 to fill about 100 vacancies in the Regular Army. Successful candidates will obtain commissions as second Lieutenants when the class at West Point is graduated this June.

MATH CLUB

The election of officers for the year 1924-1925 of the Math Club will be held Tuesday, April 8, at 8 in the Faculty and Alumni room, Walker.

T. C. A. ELECTION

The annual election by the T. C. A. Cabinet of officers for the ensuing year will take place today at 5 in the front office.

"LIFE PRINCIPLES"

The T. C. A. has 30 copies of the 115 page book "Life Principles." These books will be loaned to the first 30 men (faculty or students) applying at the T. C. A. office for the same and may be kept one week.

SPORTS

MINOR SPORT CHARMS

April 7 is the last day for ordering Minor Sport Charms. Leave orders at the A. A. office any afternoon.

BASEBALL MEETING

Baseball meeting will be held Tuesday, April 1, at 5, in room 5-330.

ATHLETIC ASSOCIATION

Sophomore competition for Assistant Treasurer of the Athletic Association will open April 4. All men interested report to the A. A. office at 5.

GOLF TEAM

A meeting of all candidates for the golf team will be held in room 1-275, April 4. Plans for the coming season will be discussed.

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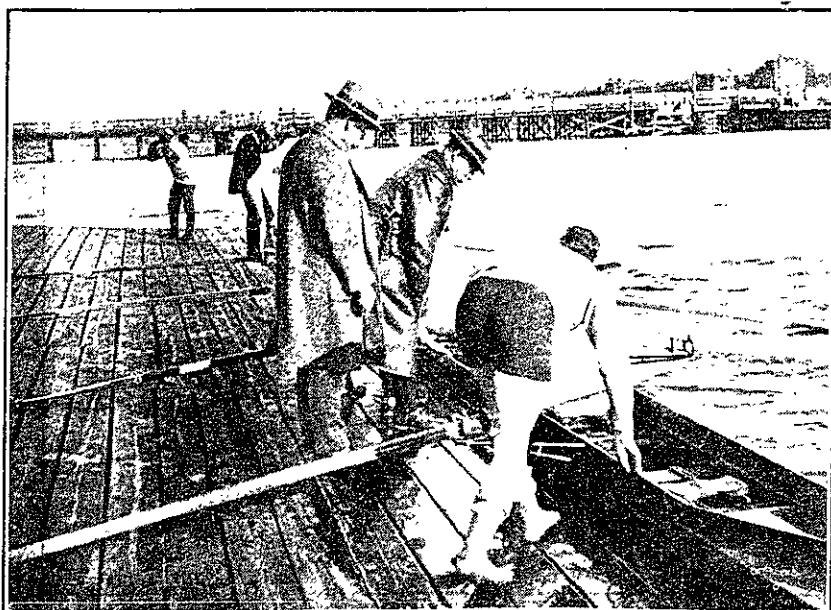
Vol. XLIV No. 6

CAMBRIDGE, MASS., MONDAY, MARCH 31, 1924

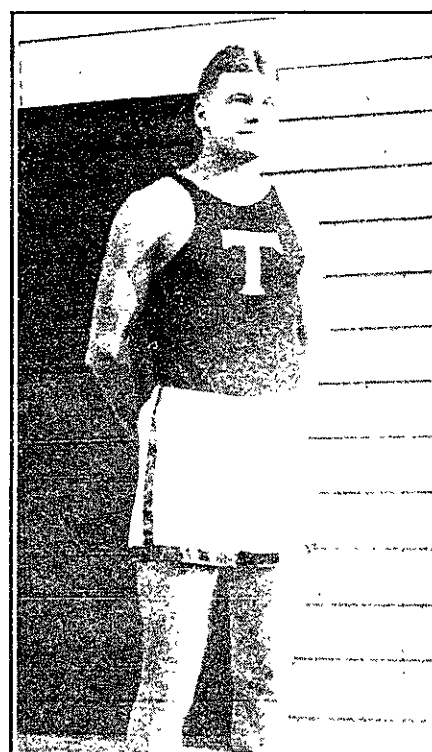
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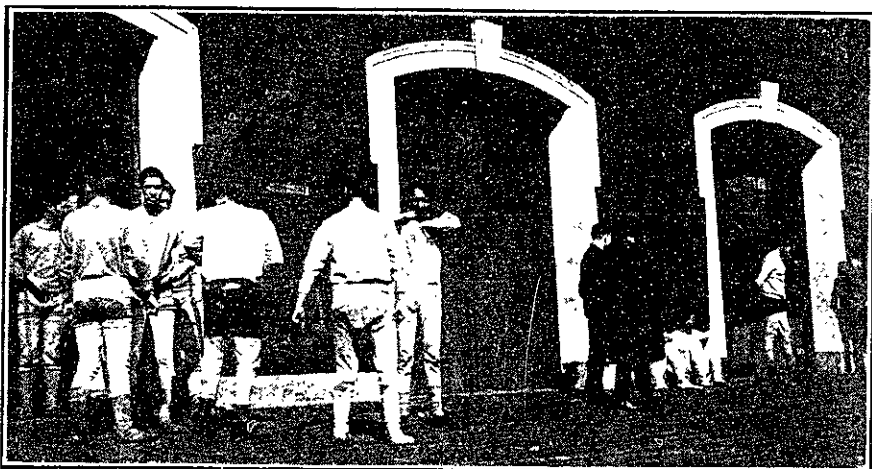
R. W. AMBACH '24—Varsity
Track Captain and Hurdler



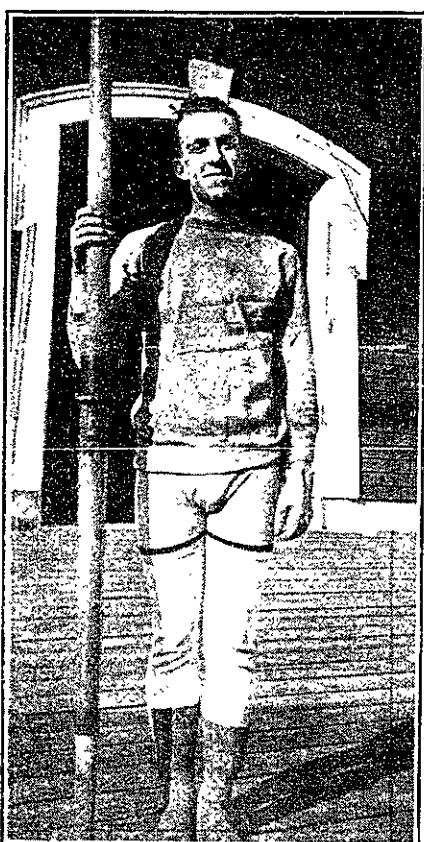
COACH HAINES Giving the Dope to the First Varsity



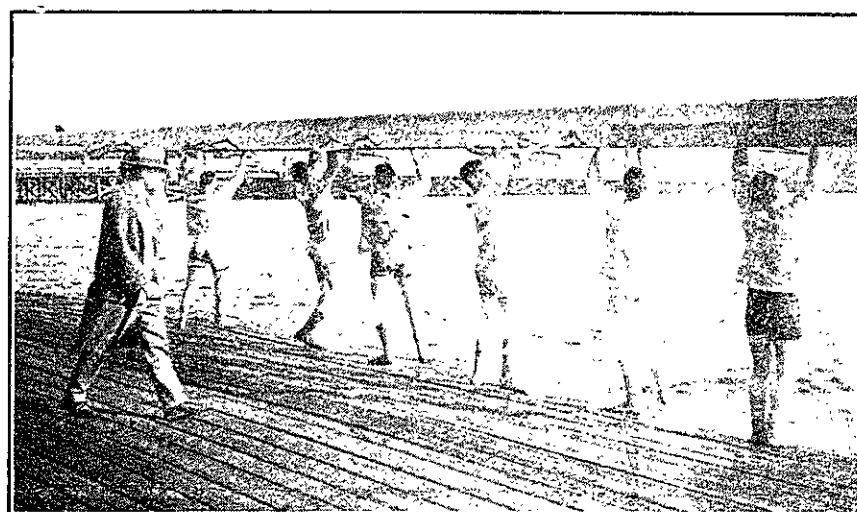
G. A. DREW '25—Technology's
Strength in the Weight Events



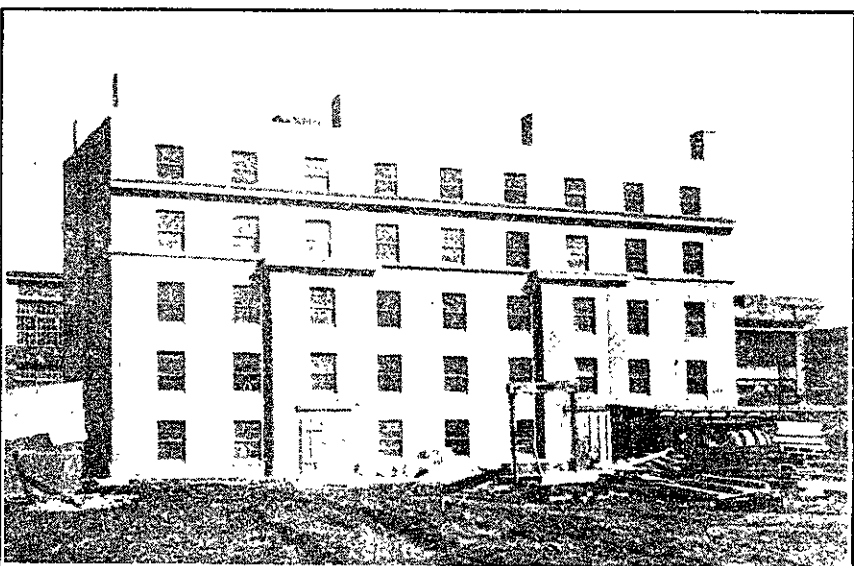
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Catching Cooties)



R. C. EATON '24—Captain of
Crew



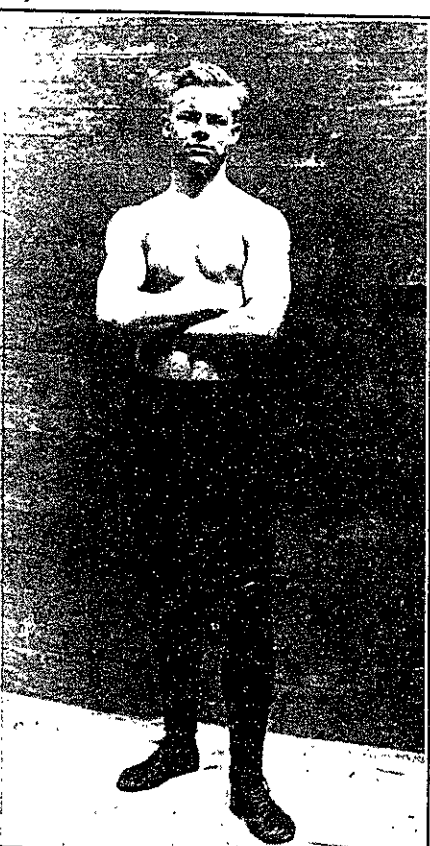
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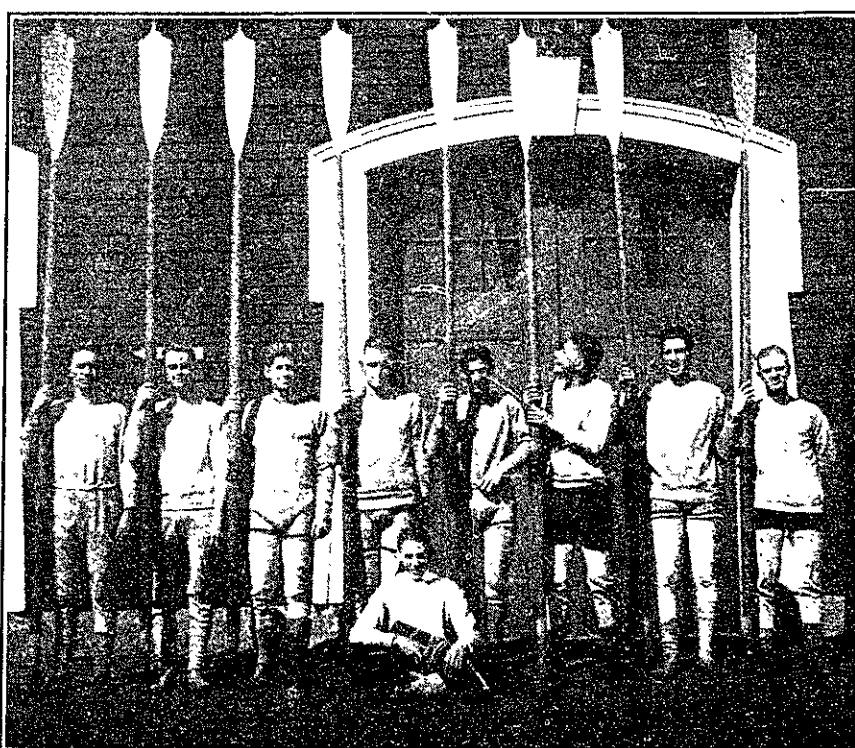
THE '93 UNIT—New Dormitory As It Is Today



LIFTING HER OUT



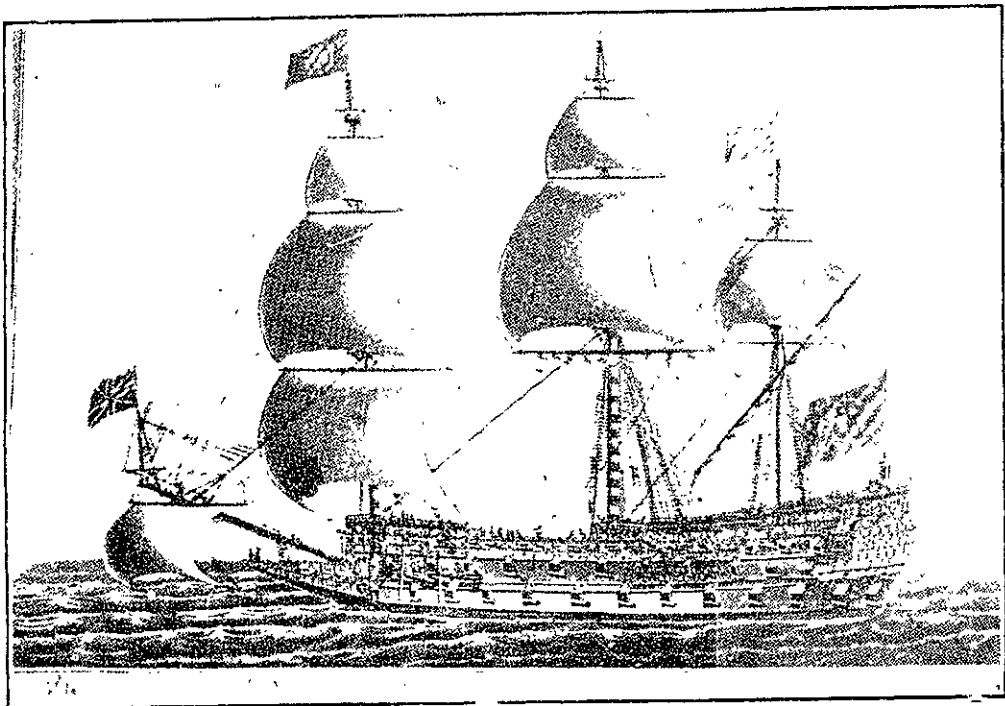
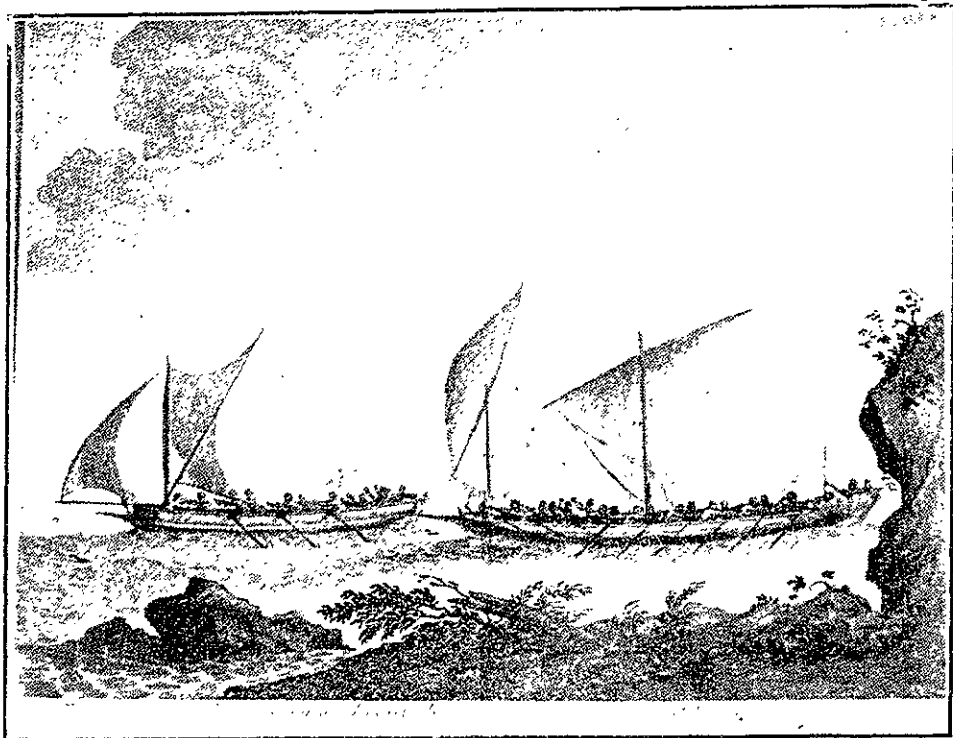
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Varsity Wrestling Star



FIRST 150 POUND CREW—Left to right (Standing) M. M.
Greer '26, Stroke; G. R. Peterson '26, 7; E. L. Lame '26, 6;
Captain E. L. Davis '25, 5; F. V. Rosseau '24, 4; Robert
Flaxington '26, 3; Herbert Kaufman '26, 2; R. L. Hochstet-
ler '25, Bow; (Sitting) E. V. Chase '27, Acting Cox.



G. L. BATEMAN '25—Captain
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THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY Cambridge, Mass.

THE MASSACHUSETTS INSTITUTE OF TECHNOLOGY offers Courses, each of four years' duration, in Civil, Mechanical and Electrical Engineering; Naval Architecture and Marine Engineering; Mining Engineering and Metallurgy and Geology and Geological Engineering; Architecture and Architectural Engineering; Chemistry, Chemical Engineering and Electrochemical Engineering; Biology and Public Health and Sanitary Engineering; Physics, General Science and General Engineering; and in Engineering Administration. These Courses lead to the Degree of Bachelor of Science.

To be admitted to the first year class, applicants must have attained the age of seventeen years, and must satisfactorily fulfill entrance requirements in Algebra, Plane and Solid Geometry, Trigonometry, Physics, Chemistry, English, History, and French or German and one elective subject. Examinations are required in all subjects except Chemistry, History and the elective, the requirements for which are fulfilled by the presentation of satisfactory certificates. A division of these entrance subjects between different examination periods is permitted.

Entrance examinations are held at the Institute in September. In June, applicants will be examined by the College Entrance Examination Board in Boston, New York, Philadelphia, Chicago, and many other cities in America and Europe. A circular stating times and places is issued in advance by the College Board.

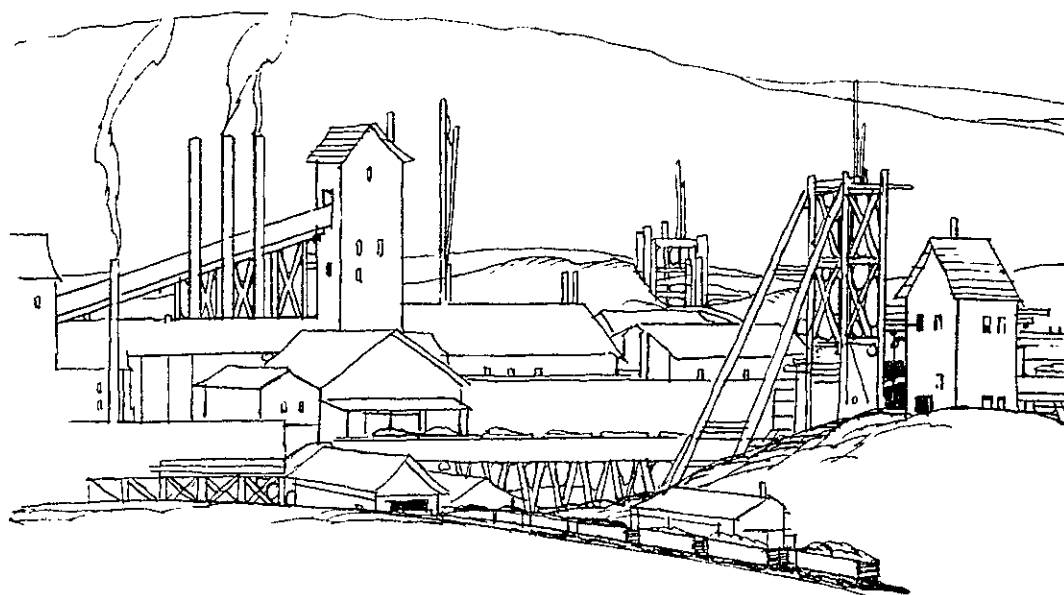
Graduates of colleges and scientific schools of collegiate grade, and in general all applicants presenting satisfactory certificates showing work done at another college corresponding to at least one year's work at the Institute, are admitted, without examination, to such advanced standing as is warranted by their previous training.

Graduate courses leading to the Degrees of Master of Science, Master in Architecture, Doctor of Philosophy and Doctor of Science are also offered. Special Research Laboratories of Physical Chemistry, Applied Chemistry and Science have been established.

PUBLICATIONS

Bulletins of General Information, Courses of Study, Summer Session, Advanced Study and Research; and the Report of the President and the Treasurer. Any of the above named publications will be mailed free on application. Correspondence should be addressed to

**Massachusetts Institute of Technology
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Metal—The Key Industry

ONE of the oldest industries is the mining of ore. Prehistoric man mined iron and copper for his weapons and utensils by hand labor. Later civilizations obtained their base and precious metals in almost the same primitive way. It is only within more recent times that explosives have been employed for mining operations. Modern metal mining requires explosives power for the economical production of ore. This is particularly true since the fabrication of metals is a key industry. Our whole industrial structure depends largely upon the production of metals of all kinds in enormous quantities and at low cost.

For the mining of various kinds of ore, a variety of explosives are required because of the kind of ore, its formations and the conditions surrounding the operations. Large and economic ore production is dependent largely upon the selection and use of an explosive especially adapted to the type of ore desired. In the development and manufacture of explosives for the mining industry the du Pont Company has been eminently successful in producing a wide and efficient variety of explosives. For example—gelatin dynamites of 25% to 100% strength for different ores and where water is encountered; in comparatively dry mines, an ammonia dynamite has proved to be most efficient and economical; and in the "open pit" mines a "low" powder or Judson type of dynamite has been used extensively and satisfactorily.

For information regarding the selection and use of explosives for any mining operation, send your inquiries to us. Our experiences of 122 years in the explosives industry will enable us to supply the information required.

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